

09-18-00


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PTO/SB/05 (2-98)

Please type a plus sign (+) inside this box → ☐

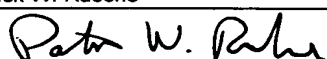
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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|--|---|--|---------------|
| <br>99/15/00<br>U.S. PTO | <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b> |  |               |
|  | Attorney Docket No.                                   | 11-SW-4905   |               |
|  | First Named Inventor or Application Identifier        | Peter Radusewicz, Kenneth Krchak,<br>and Ronald L. Schultz |               |
|  | Title   | APPARATUS AND METHOD FOR ACTUATING A MECHANICAL DEVICE     |               |
| (Only for nonprovisional applications under 37 CFR 1.53(b))  |   | Express Mail Label No.                                     | EL048588617US |

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|--|--|--|--|--|
| <b>APPLICATION ELEMENTS</b><br>See MPEP chapter 600 concerning utility patent application contents.  |  | <b>ADDRESS TO:</b><br>Assistant Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231       |  |  |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br>(Submit an original, and a duplicate for fee processing)  | 6. <input type="checkbox"/> Microfiche Computer Program (Appendix)   | <br>PTO 09/662932<br>09/15/00 |  |  |
| 2. <input checked="" type="checkbox"/> Specification<br>(Preferred arrangement set forth below)<br>- Descriptive title of the Invention<br>- Cross References to Related Applications<br>- Statement Regarding Fed sponsored R & D<br>- Reference to Microfiche Appendix<br>- Background of the Invention<br>- Brief Summary of the Invention<br>- Brief Description of the Drawings (if filed)<br>- Detailed Description<br>- Claim(s)<br>- Abstract of the Disclosure<br>[Total Pages <input type="text" value="17"/>  | 7. Nucleotide and/or Amino Acid Sequence Submission<br>(If applicable, all necessary)<br>a. <input type="checkbox"/> Computer Readable Copy<br>b. <input type="checkbox"/> Paper Copy (identical to computer copy)<br>c. <input type="checkbox"/> Statement verifying identity of above copies   |  |  |  |
| 3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113)<br>[Total Sheets <input type="text" value="5"/>   | <b>ACCOMPANYING APPLICATION PARTS</b>  |  |  |  |
| 4. <input type="checkbox"/> Oath or Declaration<br>[Total Pages <input ]<br="" type="text" value="1"/> a. <input type="checkbox"/> Newly executed (original or copy)<br>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br>(for continuation/divisional with Box 17 completed)<br>[Note Box 5 below]<br>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br>Signed statement attached deleting inventor(s) named<br>in the prior application, see 37 CFR 1.63(d)(2) and<br>1.33(b). | 8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))<br>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney<br>(when there is an assignee)<br>10. <input type="checkbox"/> English Translation Document (if applicable)<br>11. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS<br>Statement (IDS)/PTO-1449 Citations<br>12. <input type="checkbox"/> Preliminary Amendment<br>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br>(Should be specifically itemized)<br>14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application,<br>Statement(s) Status still proper and desired<br>(PTO/SB/09-12)<br>15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br>(If foreign priority is claimed)<br>16. <input checked="" type="checkbox"/> Other: Express Mail; Declaration and Power of Attorney (Submitted for<br>Inventor Identification only) |  |  |  |
| 5. <input type="checkbox"/> Incorporation by Reference (useable if Box 4b is checked)<br>The entire disclosure of the prior application, from which a copy of the<br>oath or declaration is supplied under Box 4b, is considered as being part<br>of the disclosure of the accompanying application and is hereby<br>incorporated by reference therein.  | <b>*NOTE FOR ITEMS 1 &amp; 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL<br/>ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27). EXCEPT IF ONE FILED IN A PRIOR<br/>APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).</b>  |  |  |  |
| 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:<br><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: _____<br>Prior application information: Examiner: _____ Group/Art Unit: _____   |  |  |  |  |

|  |  |  |              |  |              |
|--|--|--|--------------|--|--------------|
| <b>18. CORRESPONDENCE ADDRESS</b>                          |  |  |              |  |              |
| <input type="checkbox"/> Customer Number or Bar Code Label |  | <div style="border: 1px dashed black; padding: 5px; text-align: center;">(Insert Customer No. or Attach bar code label here)</div> |              | or <input type="checkbox"/> Correspondence address below |              |
| ATTORNEY<br>NAME   | John S. Beulick  |  |              |  |              |
| ADDRESS  | Armstrong Teasdale, LLP.<br>One Metropolitan Sq., Suite 2600 |  |              |  |              |
| CITY   | St. Louis  | STATE  | MO           | ZIP CODE   | 63102        |
| COUNTRY  | US   | TELEPHONE  | 314-621-5070 | FAX  | 314-621-5065 |

|                   |   |                                   |                    |
|-------------------|---|-----------------------------------|--------------------|
| Name (Print/Type) | Patrick W. Rasche   | Registration No. (Attorney/Agent) | 37,916             |
| Signature         |  | Date                              | September 15, 2000 |

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**FEE TRANSMITTAL**

Patent fees are subject to annual revision on October 1.  
These are the fees effective October 1, 1997.  
Small entity payments must be supported by a small entity  
statement, otherwise large entity fees must be paid. See Forms  
PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

**Complete If Known**

Application Number

Filing Date

First Named Inventor

Peter Radusewicz, Kenneth  
Krchak, and Ronald L. Schultz

Group Art Unit

Examiner Name

TOTAL AMOUNT OF PAYMENT

(\$1572.00)

Attorney Docket Number

11-SW-4905

**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

01-2384

Deposit  
Account  
Name☒ Charge Any Additional  
Fee Required Under  
37 CFR 1.16 and 1.17☐ Charge the Issue Fee Set in  
37 CFR 1.16 at the Mailing of the  
Notice of Allowance

- 2.
- ☐
- Payment Enclosed:
- 
- ☐
- Check
- ☐
- Money Order
- ☐
- Other

**FEE CALCULATION****1. FILING FEE**Large Entity Small Entity  
Fee Fee Fee Fee  
Code (\$) Code (\$) Code (\$) Code (\$)

| Code | Fee (\$) | Code | Fee (\$) | Fee Description        | Fee Paid |
|------|----------|------|----------|------------------------|----------|
| 101  | 690      | 201  | 345      | Utility filing fee     | 690.00   |
| 106  | 310      | 206  | 155      | Design filing fee      |          |
| 107  | 480      | 207  | 240      | Plant filing fee       |          |
| 108  | 690      | 208  | 345      | Reissue filing fee     |          |
| 114  | 150      | 214  | 75       | Provisional filing fee |          |

SUBTOTAL (1) (\$ 690.00)

**2. CLAIMS**

|                           | Extra     | Fee from below | Fee Paid |
|---------------------------|-----------|----------------|----------|
| Total Claims 69           | - 20 = 49 | x 18 =         | 882.00   |
| Independent Claims 3      | - 3 = 0   | x              | 0        |
| Multiple Dependent Claims |           | x              |          |

Large Entity Small Entity  
Fee Fee Fee Fee  
Code (\$) Code (\$) Code (\$) Code (\$)

| Code | Fee (\$) | Code | Fee (\$) | Fee Description   |
|------|----------|------|----------|---|
| 103  | 18       | 201  | 9        | Claims in excess of 20                                  |
| 102  | 78       | 202  | 39       | Independent claims in excess of 3                       |
| 104  | 260      | 204  | 130      | Multiple dependent claim                                |
| 109  | 78       | 209  | 39       | Reissue independent claims over original patent         |
| 110  | 18       | 210  | 9        | Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 882.00)

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**Large Entity Small Entity  
Fee Fee Fee Fee  
Code (\$) Code (\$) Code (\$) Code (\$)

| Code | Fee (\$) | Code | Fee (\$) | Fee Description  | Fee Paid |
|------|----------|------|----------|--|----------|
| 105  | 130      | 205  | 65       | Surcharge - late filing fee or oath  |          |
| 127  | 50       | 227  | 25       | Surcharge-late provisional filing fee or cover sheet                       |          |
| 139  | 130      | 139  | 130      | Non-English specification  |          |
| 147  | 2,520    | 147  | 2,520    | For filing a request for reexamination                                     |          |
| 112  | 920*     | 112  | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 113  | 1,840*   | 113  | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 115  | 110      | 215  | 55       | Extension for reply within first month                                     |          |
| 116  | 380      | 216  | 190      | Extension for reply within second month                                    |          |
| 117  | 870      | 217  | 435      | Extension for reply within third month                                     |          |
| 118  | 1,360    | 218  | 680      | Extension for reply within fourth month                                    |          |
| 128  | 1,850    | 228  | 925      | Extension for reply within fifth month                                     |          |
| 119  | 300      | 219  | 150      | Notice of Appeal   |          |
| 120  | 300      | 220  | 150      | Filing a brief in support of an appeal                                     |          |
| 121  | 260      | 221  | 130      | Request for oral hearing   |          |
| 138  | 1,510    | 138  | 1,510    | Petition to institute a public use proceeding                              |          |
| 140  | 110      | 240  | 55       | Petition to revive - unavoidable   |          |
| 141  | 1,210    | 241  | 605      | Petition to revive - unintentional   |          |
| 142  | 1,210    | 242  | 605      | Utility issue fee (or reissue)   |          |
| 143  | 430      | 243  | 215      | Design issue fee   |          |
| 144  | 580      | 244  | 290      | Plant issue fee  |          |
| 122  | 130      | 122  | 130      | Petitions to the Commissioner  |          |
| 123  | 50       | 123  | 50       | Petitions related to provisional applications                              |          |
| 126  | 240      | 126  | 240      | Submission of Information  |          |
| 581  | 40       | 581  | 40       | Recording each patent assignment per property (times number of properties) |          |
| 146  | 690      | 246  | 345      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 149  | 690      | 249  | 345      | For each additional invention to be examined (37 CFR 1.129(b))             |          |

Other fee (specify)

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

**SUBMITTED BY**

Complete (if applicable)

Typed or  
Printed Name

Patrick W. Rasche

Reg. Number

37,916

Signature

Patrick W. Rasche

Date

9/15/00

Deposit Account  
User ID

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PATENT  
11-SW-4905

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Date of Mailing: **September 15, 2000**



I certify that the attached patent application of **Peter Radusewicz, Kenneth Krchak, and Ronald L. Schultz** for **APPARATUS AND METHOD FOR ACTUATING A MECHANICAL DEVICE** (Attorney Docket No. 11-SW-4905) including:

- Eight (8) pages of specification; eight (8) pages of claims; one (1) page of abstract
- Five (5) sheet of drawings
- Declaration and Power of Attorney (2 pgs.) (For inventor identification only)
- Utility Patent Application Transmittal (1 pg.)
- Fee Transmittal (1 pg., in duplicate)
- Certificate of Mailing Via Express Mail (1 pg.)
- Return post card

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to the Assistant Commissioner for Patents, Box PATENT APPLICATION, Washington, D.C. 20231.

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